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T4 Endonuclease V

National Cancer Institute

Source

National Cancer Institute. *T4 Endonuclease V*. NCI Thesaurus. Code C17538.

A DNA repair enzyme from bacteriophage T4. It catalyzes the first reaction step of the excision repair pathway to remove pyrimidine-dimers produced within duplex DNA by UV irradiation. It has been incorporated into a topical lotion for treatment of xeroderma pigmentosum.